

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020560.D
 Acq On : 11 Jan 2021 19:27
 Operator : JC/MD
 Sample : M1063-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 02:55:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

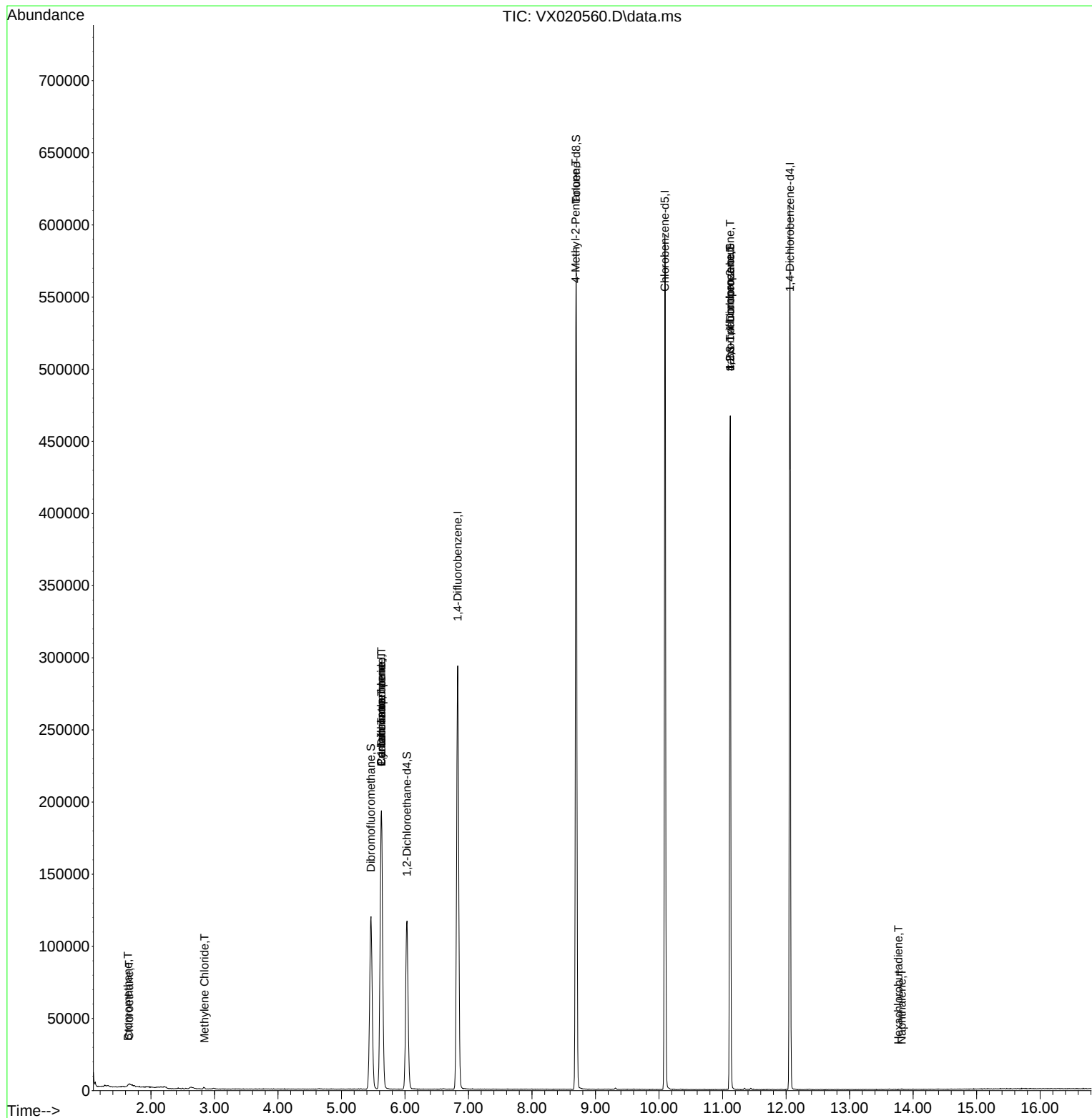
Internal Standards						
1) Pentafluorobenzene	5.629	168	189343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	305488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	282482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	126060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	114914	50.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.06%
35) Dibromofluoromethane	5.464	113	103691	48.99	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.98%
50) Toluene-d8	8.695	98	357810	47.24	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.48%
62) 4-Bromofluorobenzene	11.122	95	123433	46.15	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.30%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	364	0.27	ug/l #	60
6) Chloroethane	1.654	64	27	0.45	ug/l #	43
11) Tert butyl alcohol	2.983	59	277	Below Cal	#	73
16) Acetone	2.428	43	683	Below Cal	#	73
20) Methylene Chloride	2.843	84	569	0.26	ug/l #	77
31) Cyclohexane	5.629	56	3143	1.18	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	13355	4.78	ug/l #	49
38) Carbon Tetrachloride	5.629	117	18075	5.55	ug/l #	18
51) 4-Methyl-2-Pentanone	8.689	43	1136	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	59370	22.36	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	59370	60.91	ug/l #	12
94) Hexachlorobutadiene	13.768	225	21	0.88	ug/l #	19
95) Naphthalene	13.823	128	240	3.87	ug/l #	69

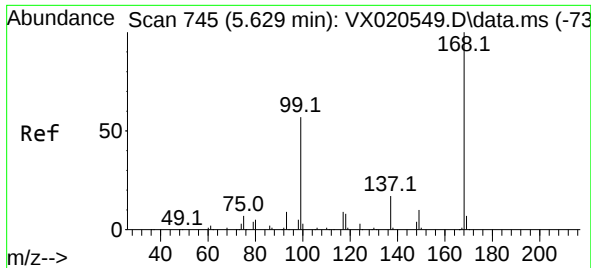
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
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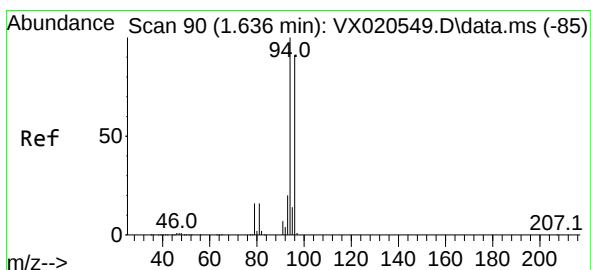
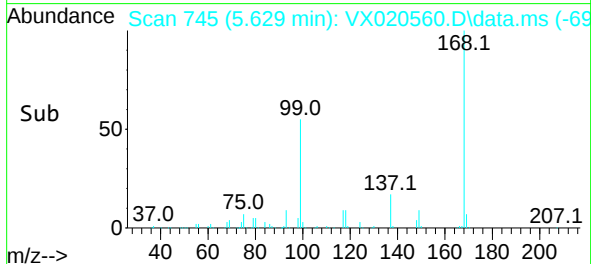
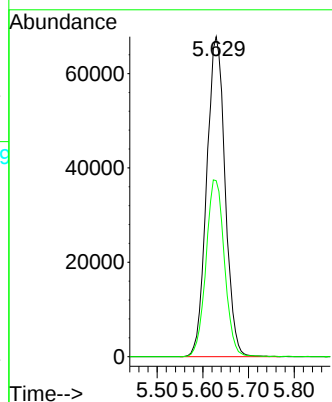
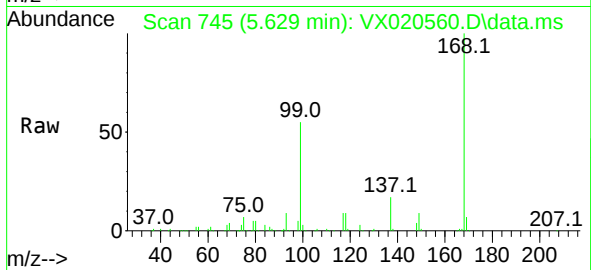




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

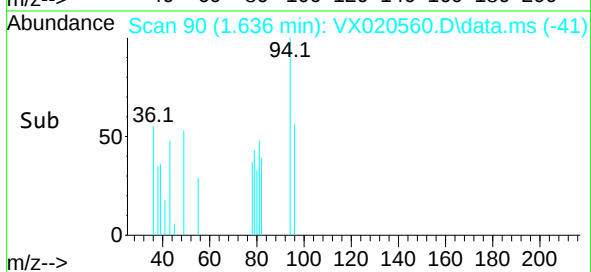
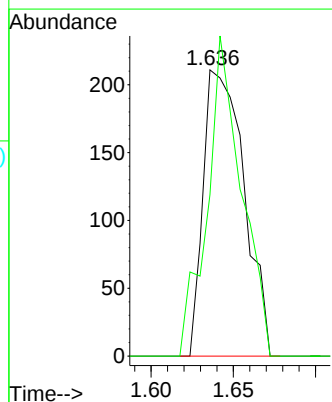
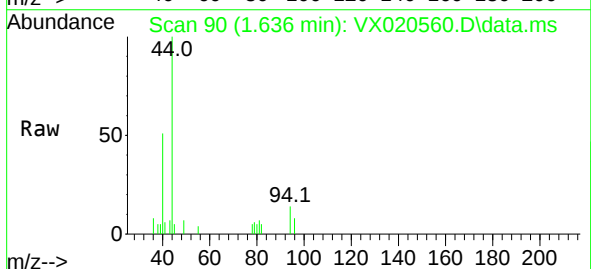
Instrument :
MSVOA_X
ClientSampleId :

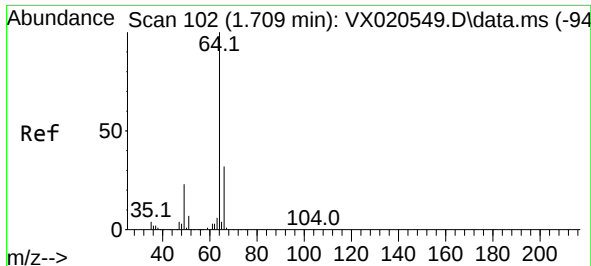
Tgt Ion:168 Resp: 189343
Ion Ratio Lower Upper
168 100
99 55.0 45.8 68.6



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.000 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 56.4 76.4 114.6#

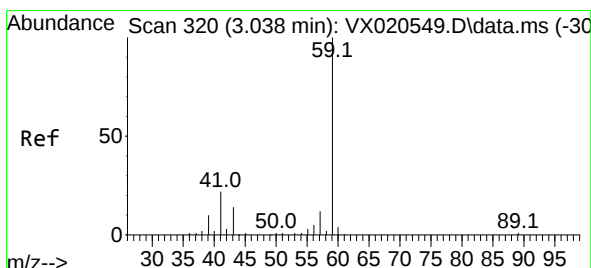
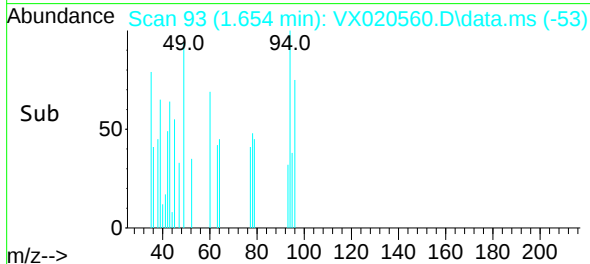
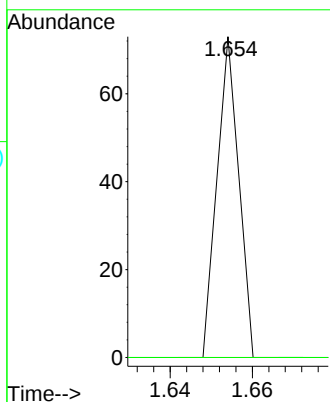
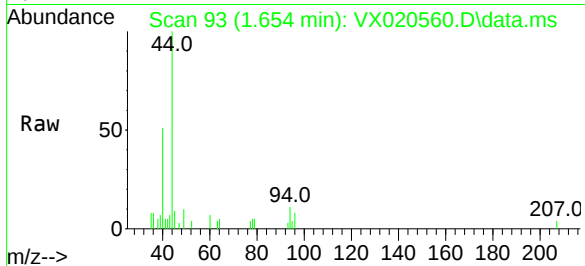




#6
Chloroethane
Concen: 0.45 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.055 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

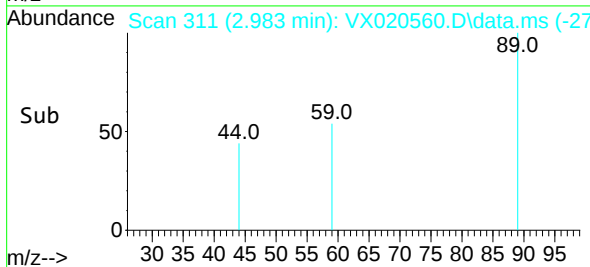
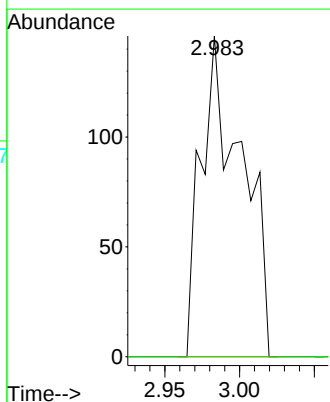
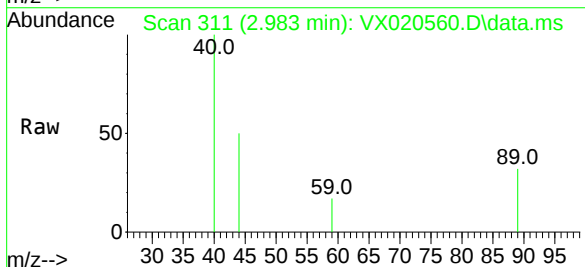
Instrument :
MSVOA_X
ClientSampled :

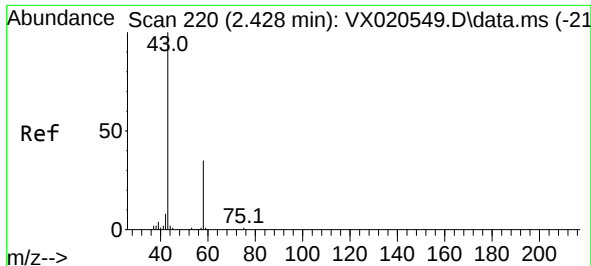
Tgt Ion: 64 Resp: 27
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.983 min Scan# 311
Delta R.T. -0.055 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

Tgt Ion: 59 Resp: 277
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

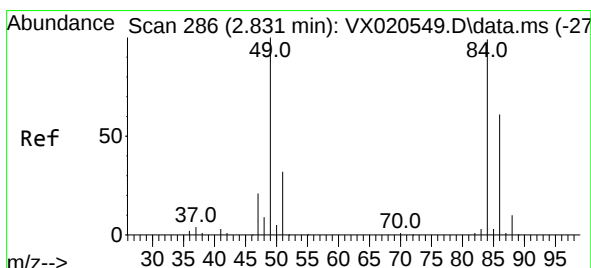
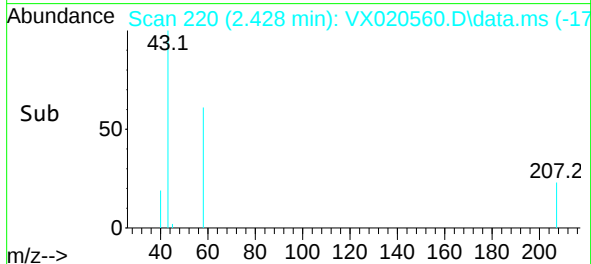
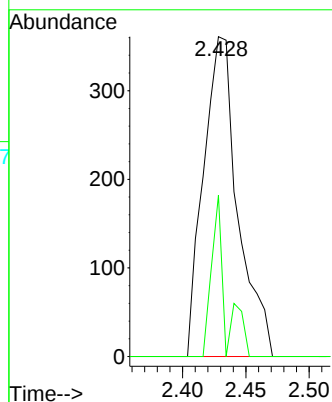
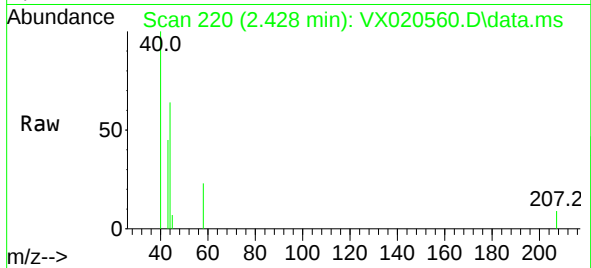




#16
Acetone
Concen: Below Cal
RT: 2.428 min Scan# 220
Delta R.T. 0.000 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

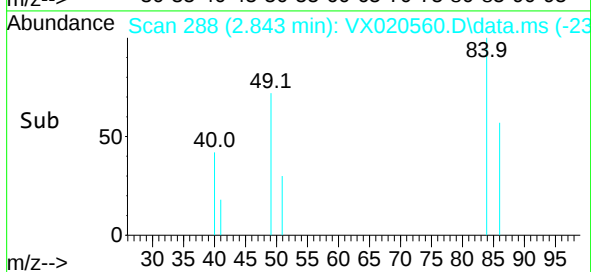
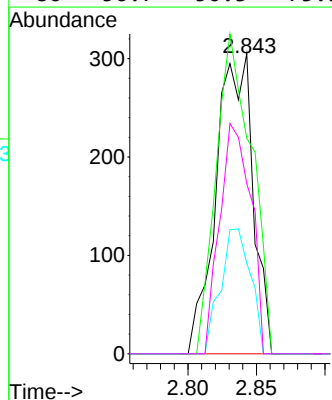
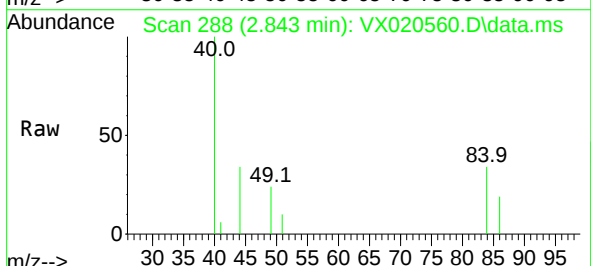
Instrument :
MSVOA_X
ClientSampled :

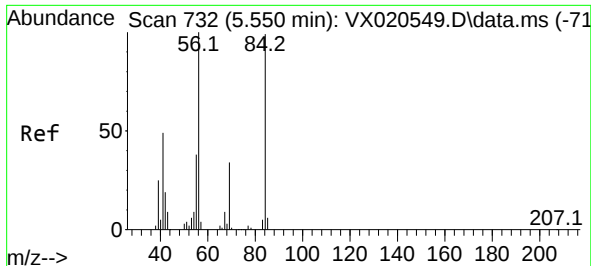
Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 50.4 27.8 41.8#



#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.843 min Scan# 288
Delta R.T. 0.012 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

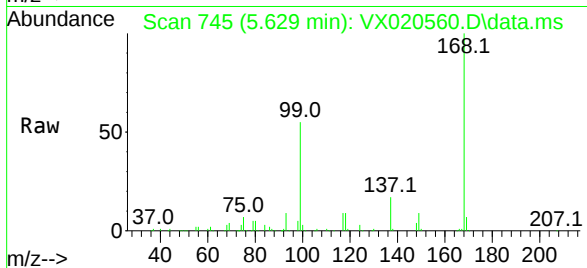
Tgt Ion: 84 Resp: 569
Ion Ratio Lower Upper
84 100
49 71.8 88.6 132.8#
51 30.2 27.0 40.6
86 56.7 50.3 75.5



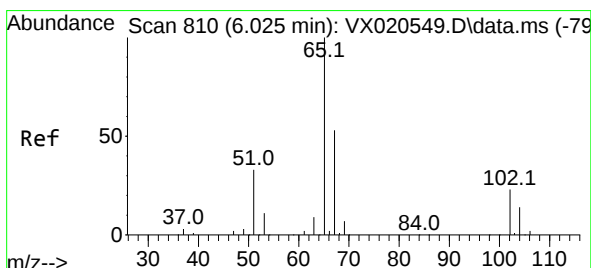
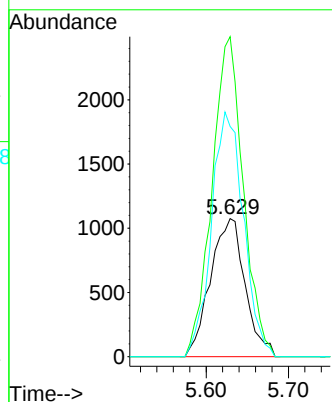
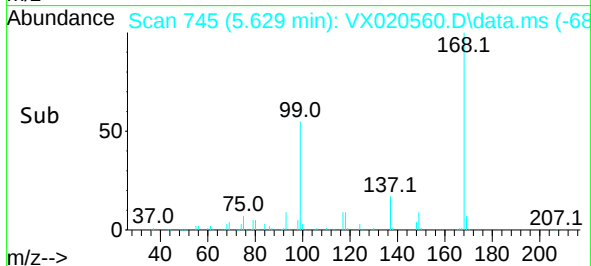


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

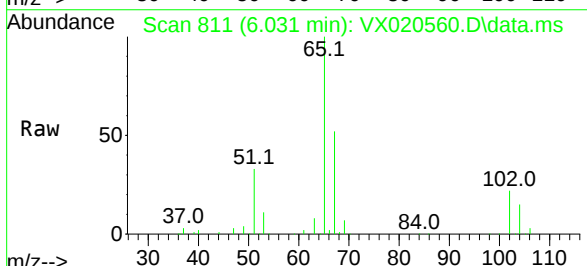
Instrument :
MSVOA_X
ClientSampleId :



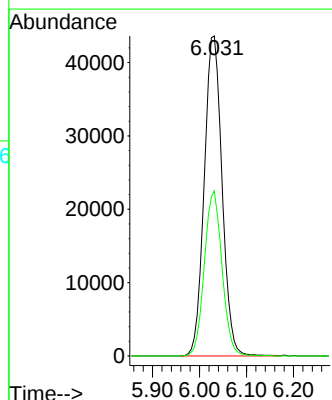
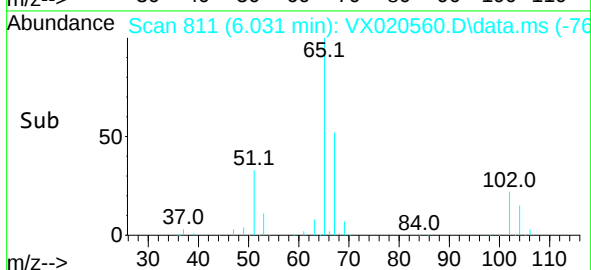
Tgt Ion: 56 Resp: 3143
Ion Ratio Lower Upper
56 100
69 231.8 25.3 37.9#
84 166.8 71.4 107.0#

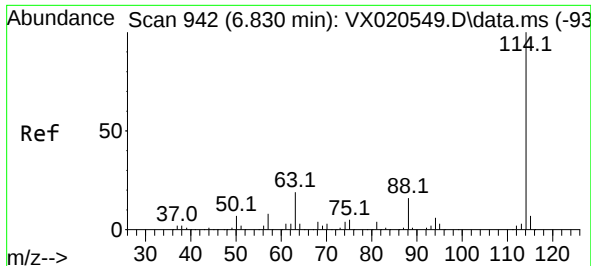


#33
1,2-Dichloroethane-d4
Concen: 50.53 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27



Tgt Ion: 65 Resp: 114914
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

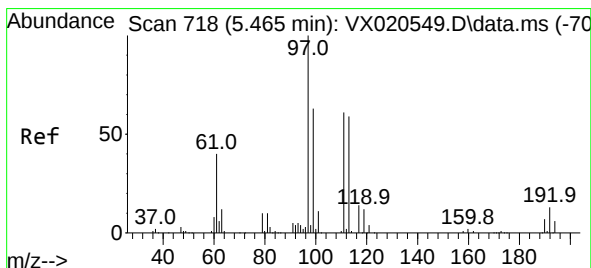
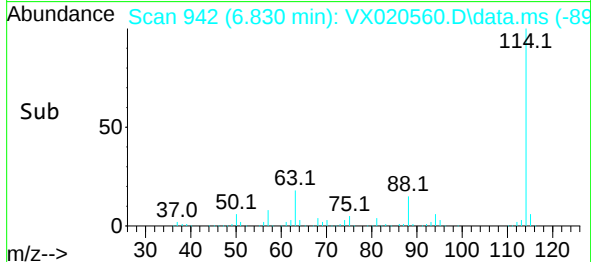
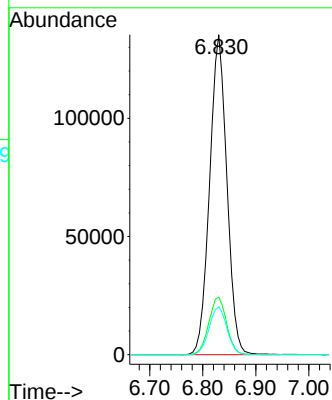
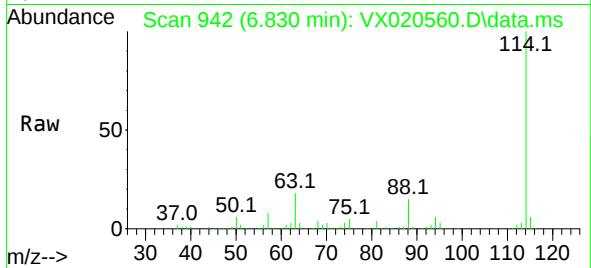




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

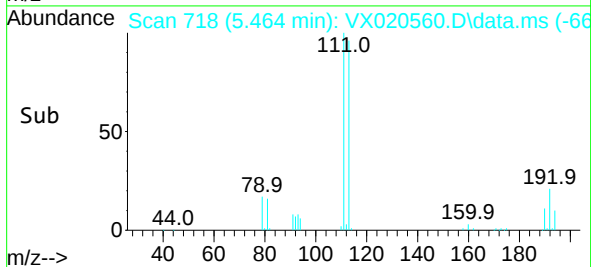
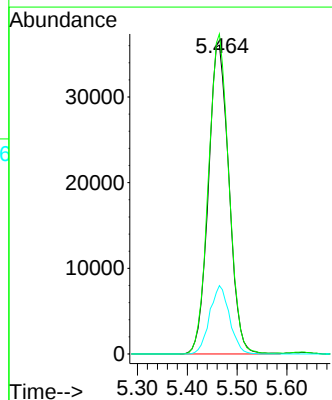
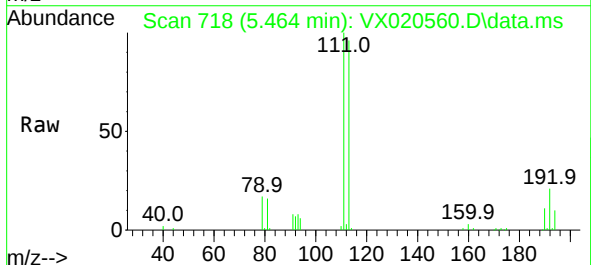
Instrument :
MSVOA_X
ClientSampled :

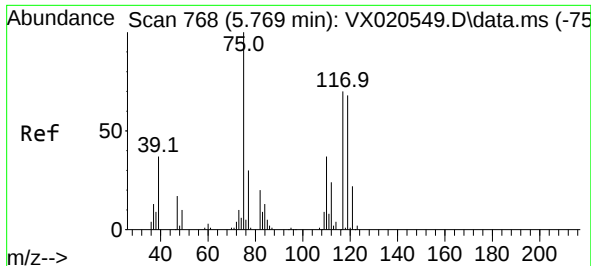
Tgt Ion:114 Resp: 305488
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.8
88 15.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.99 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

Tgt Ion:113 Resp: 103691
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 21.2 16.7 25.1

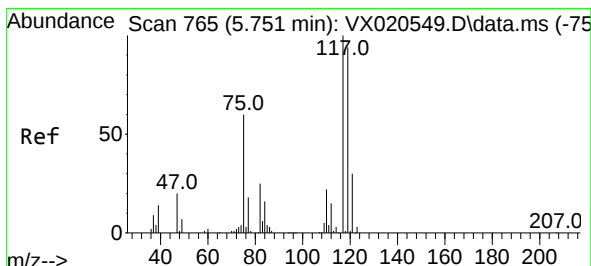
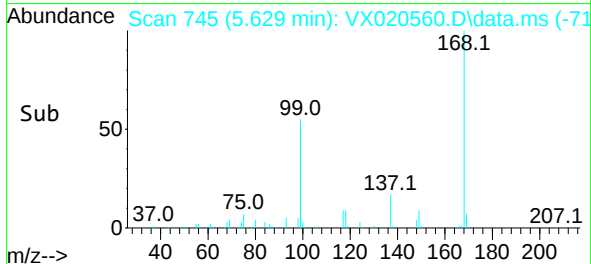
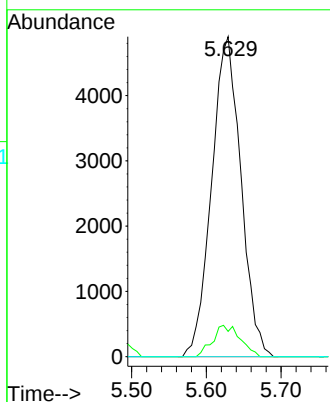
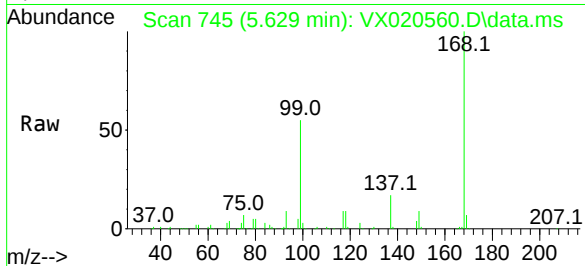




#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

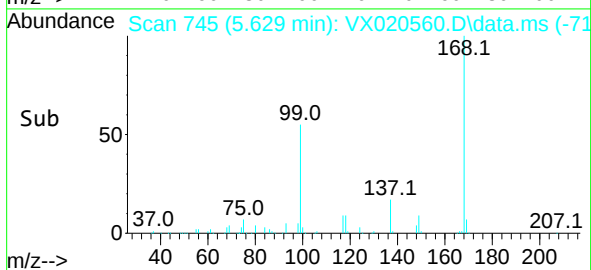
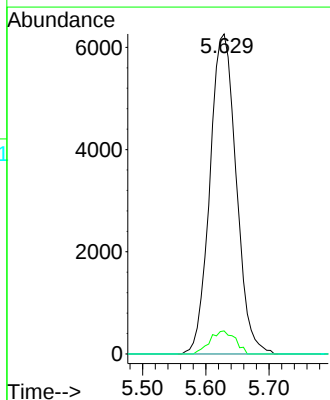
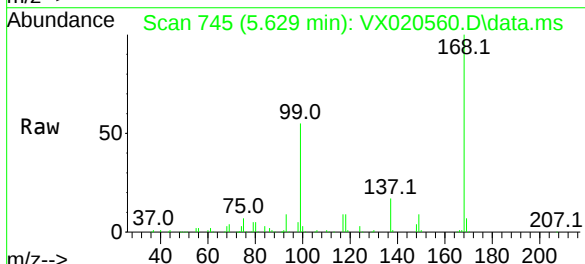
Instrument :
MSVOA_X
ClientSampled :

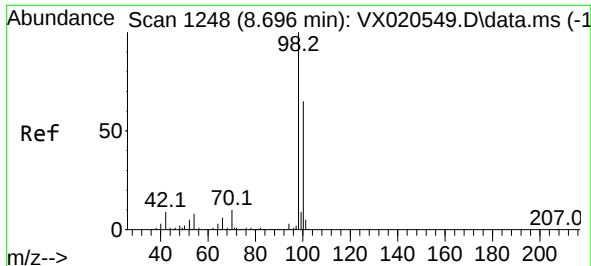
Tgt Ion: 75 Resp: 13355
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

Tgt Ion: 117 Resp: 18075
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.2#
121 0.0 24.8 37.2#

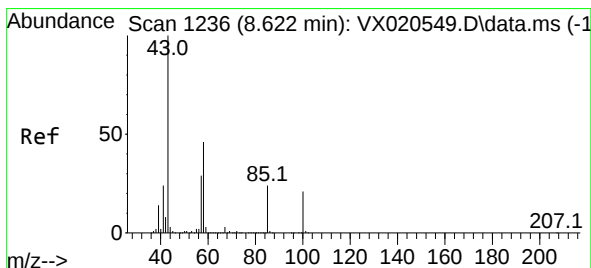
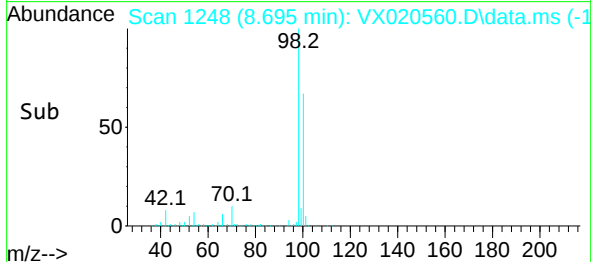
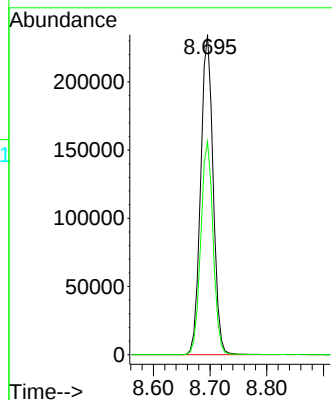
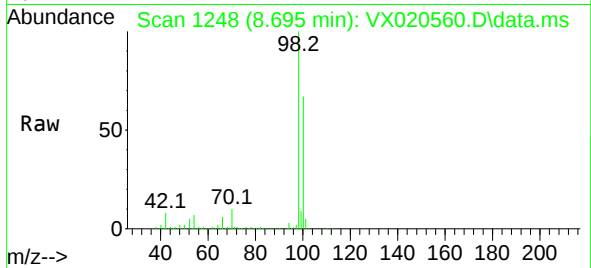




#50
Toluene-d8
Concen: 47.24 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

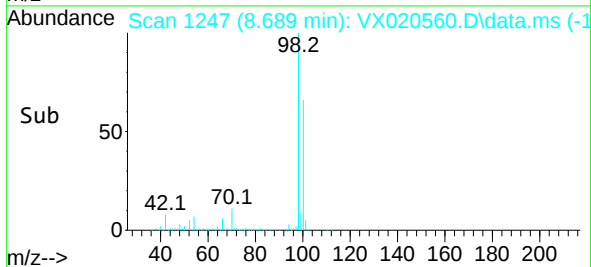
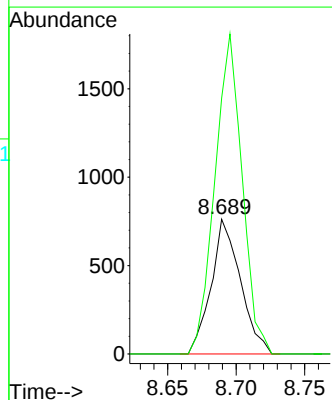
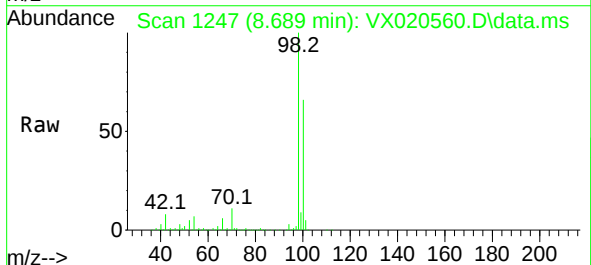
Instrument :
MSVOA_X
ClientSampled :

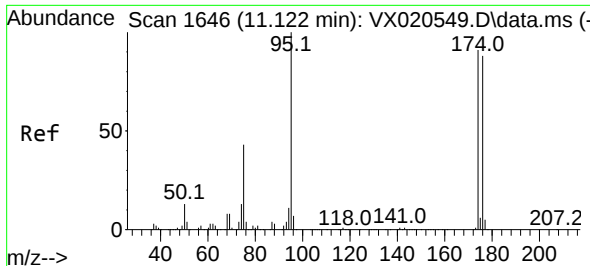
Tgt Ion: 98 Resp: 357810
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.067 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 220.9 35.4 53.0#

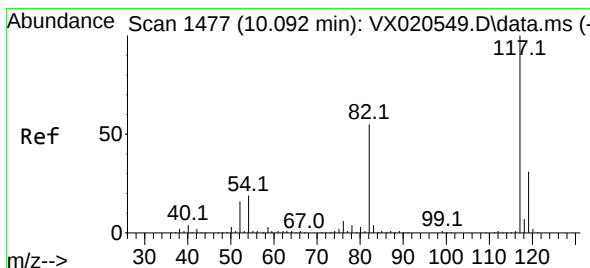
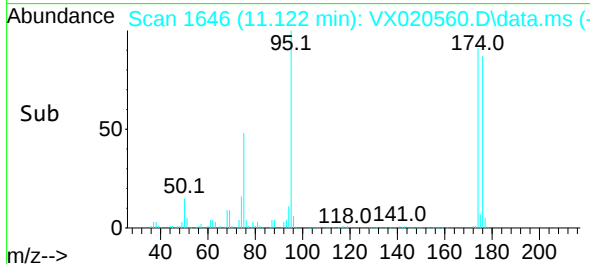
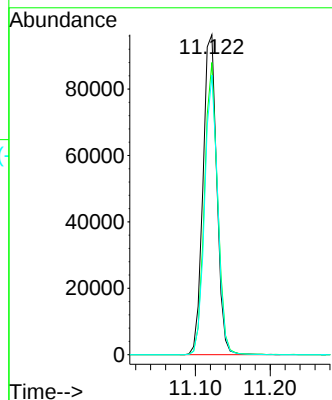
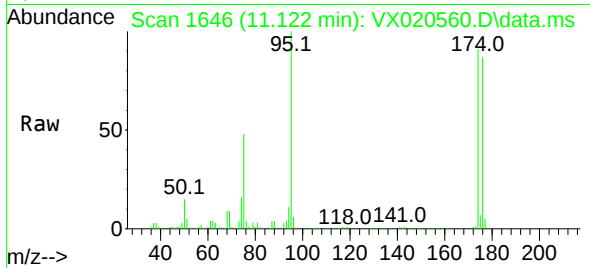




#62
4-Bromofluorobenzene
Concen: 46.15 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

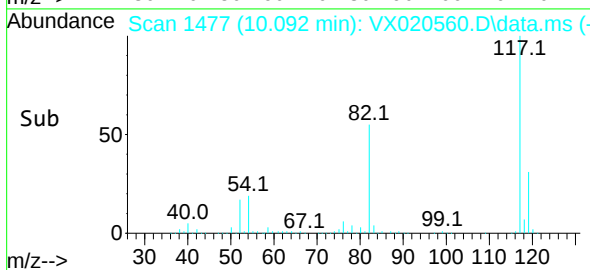
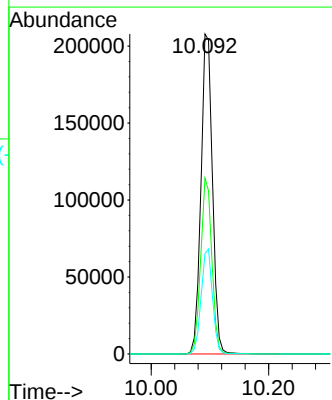
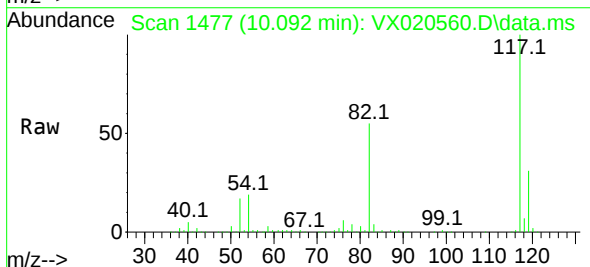
Instrument :
MSVOA_X
ClientSampleId :

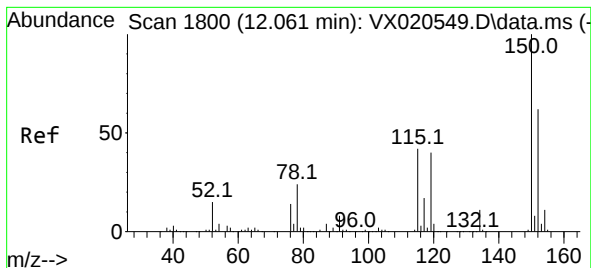
Tgt Ion: 95 Resp: 123433
Ion Ratio Lower Upper
95 100
174 87.0 0.0 154.6
176 83.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

Tgt Ion: 117 Resp: 282482
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 31.4 26.6 39.8

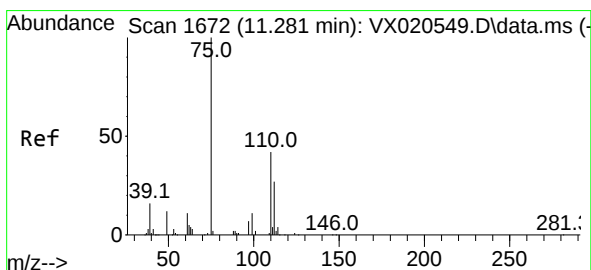
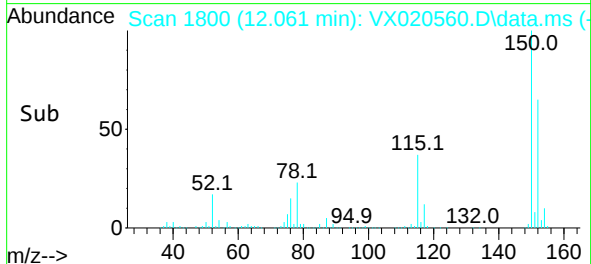
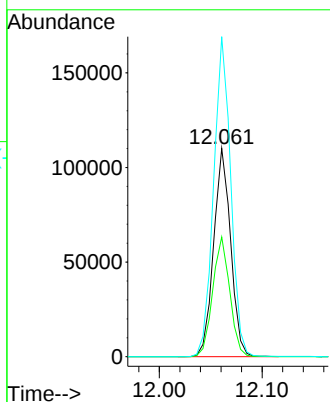
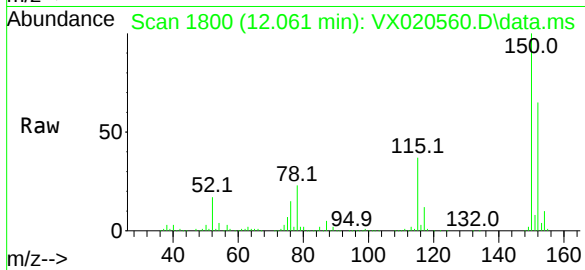




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020560.D
 Acq: 11 Jan 2021 19:27

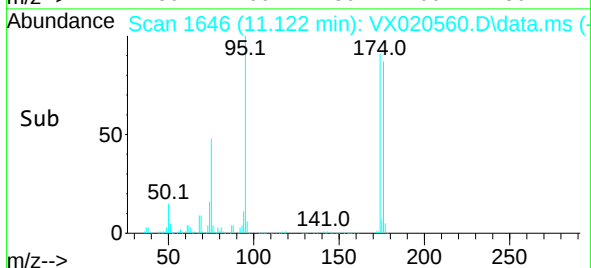
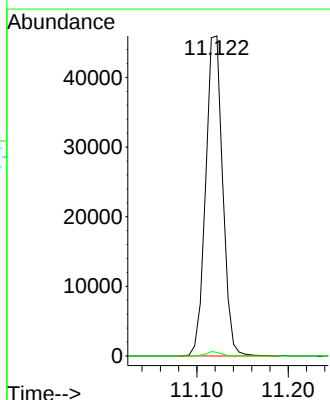
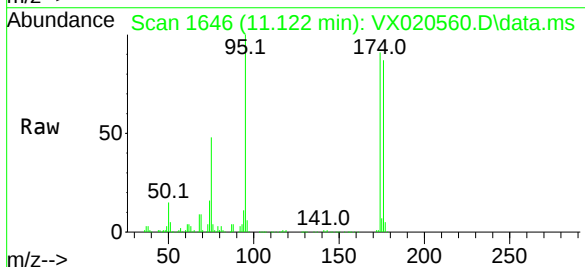
Instrument :
 MSVOA_X
 ClientSampled :

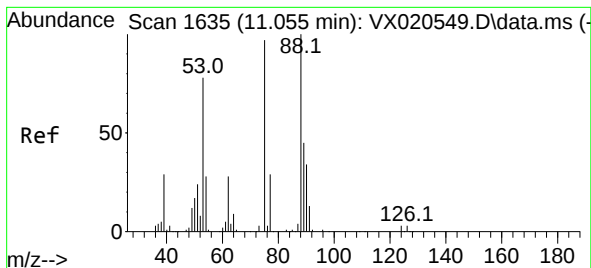
Tgt Ion:152 Resp: 126060
 Ion Ratio Lower Upper
 152 100
 115 57.7 41.1 123.3
 150 154.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 22.36 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.159 min
 Lab File: VX020560.D
 Acq: 11 Jan 2021 19:27

Tgt Ion: 75 Resp: 59370
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

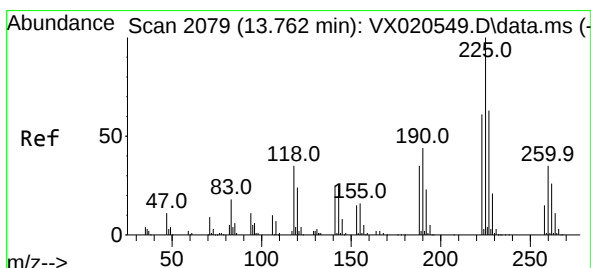
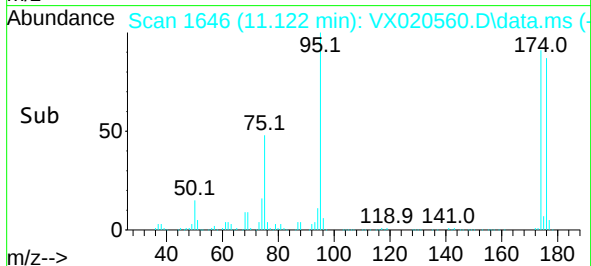
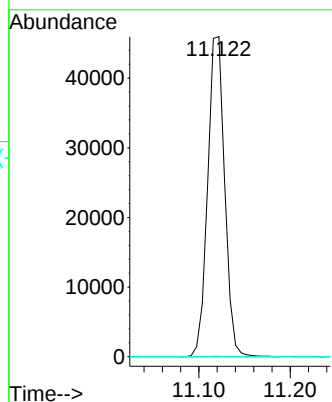
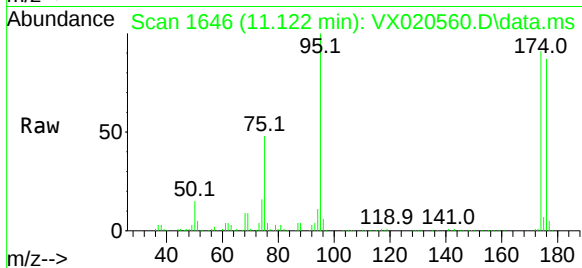




#81
trans-1,4-Dichloro-2-butene
Concen: 60.91 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

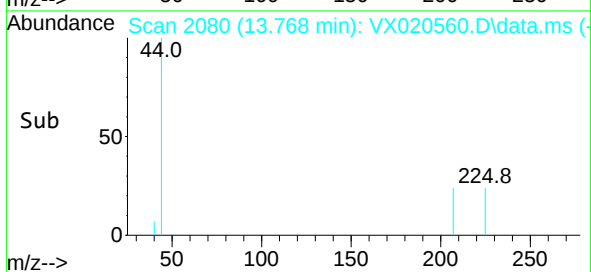
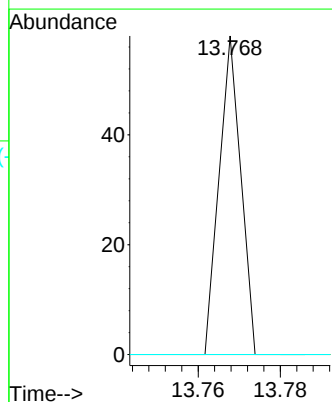
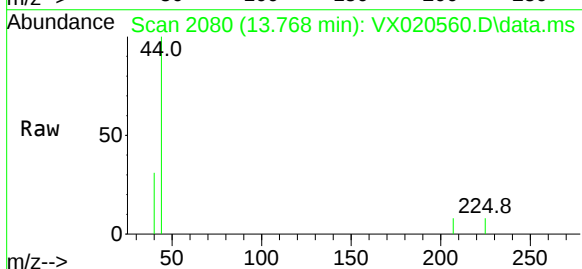
Instrument :
MSVOA_X
ClientSampleId :

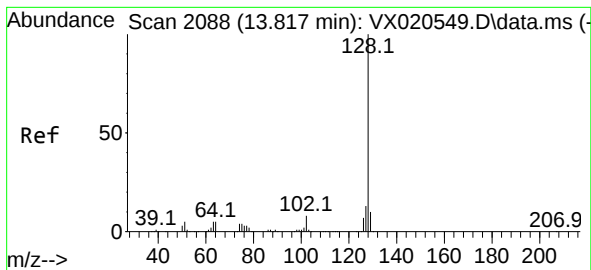
Tgt Ion: 75 Resp: 59370
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.88 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. 0.006 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

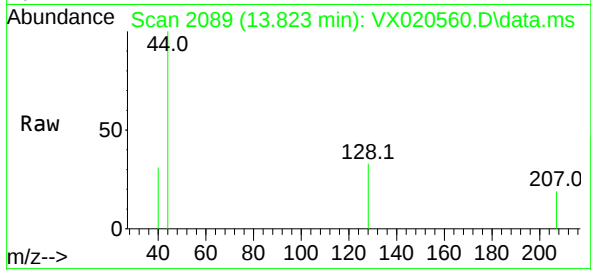
Tgt Ion: 225 Resp: 21
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#





#95
Naphthalene
Concen: 3.87 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020560.D
Acq: 11 Jan 2021 19:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 240
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

